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Application Number 10/542079
Response to the Office Action dated 10/29/2007

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An image sensor head comprising:

a case elongated in a primary scanning direction and mounted on a bracket movable in a secondary scanning direction;

a guide base mounted to the case and carrying a front roller and a rear roller;

a light source accommodated in the case; and

light receiving elements accommodated in the case for receiving light from a document ~~to be~~ being read;

wherein the case is provided with at least two ~~positioning means~~ positioners for preventing the case from moving in the primary scanning direction relative to the bracket, these ~~positioning means~~ positioners being spaced from each other in the primary scanning direction;

wherein the case is pivotable relative to the bracket about a pivotal axis; and

wherein an elastic member is provided between the case and the bracket at a position spaced from the pivotal axis intermediate the front and rear rollers for urging the case.

2. (Currently Amended) The image sensor head according to claim 1, wherein each ~~positioning means~~ positioner comprises a recess into which a post provided at the bracket is fitted.

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3. (Original) The image sensor head according to claim 1, further comprising: an elongated circuit board fixed to the case; and a connector supported by the board for external connection; wherein the light source is mounted on an end of the board, the connector being attached to another end of the board.
4. (Currently Amended) The image sensor head according to claim 3, ~~further comprising an~~ wherein the elastic member contacting with contacts the board for urging the case.
5. (Currently Amended) The image sensor head according to claim 1, further comprising at least two cylindrical projections for preventing the case from moving in the secondary scanning direction relative to the bracket, wherein each cylindrical projection is positioned adjacent to a corresponding one of the ~~positioning means~~ positioners, and projects in the primary scanning direction.
6. (Currently Amended) An image scanner comprising:
a case elongated in a primary scanning direction;
a bracket that supports the case and is movable in a secondary scanning direction;
a guide base mounted to the case and carrying a front roller and a rear roller;
a light source accommodated in the case;
light receiving elements accommodated in the case for receiving light from a document ~~to be~~ being read;

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a circuit board fixed to the case and supporting the light source and the light receiving elements;

a connector attached to the circuit board for external connection; and

a drive assembly for reciprocating the bracket in the secondary scanning direction;

wherein the case is provided with at least two ~~positioning means~~ positioners for preventing the case from moving in the primary scanning direction relative to the bracket, these ~~positioning means~~ positioners being spaced from each other in the primary scanning direction;

wherein the case is pivotable relative to the bracket about a pivotal axis; and

wherein an elastic member is provided between the circuit board and the bracket at a position spaced from the pivotal axis intermediate the front and rear rollers for urging the case.

7. (Currently Amended) The image scanner according to claim 6, wherein each ~~positioning means~~ positioner comprises a recess formed at the case, the bracket being provided with a post to be fitted into the recess.

8. (Currently Amended) The image scanner according to claim 6, wherein the connector is arranged between the two ~~positioning means~~ positioners and located at a position close to one of these ~~positioning means~~ positioners.

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9. (Original) The image scanner according to claim 6, further comprising a flexible cable connected to the connector.